Fig. 6 Z-Scan at power reference point (850 MHz CH190)

850 Left Tilt High

Date/Time: 2008-6-10 13:25:42

Electronics: DAE4 Sn777

Medium: Head GSM850

Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.92 mho/m; ϵ_r = 43.7; ρ = 1000 kg/m^3

Ambient Temperature:23.3^{o}C   Liqiud Temperature: 22.5^{o}C

Communication System: GSM 850 Frequency: 848.8 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3142 ConvF(5.97, 5.97, 5.97)

Tilt High/Area Scan (51x111x1): Measurement grid: dx=10mm, dy=10mm

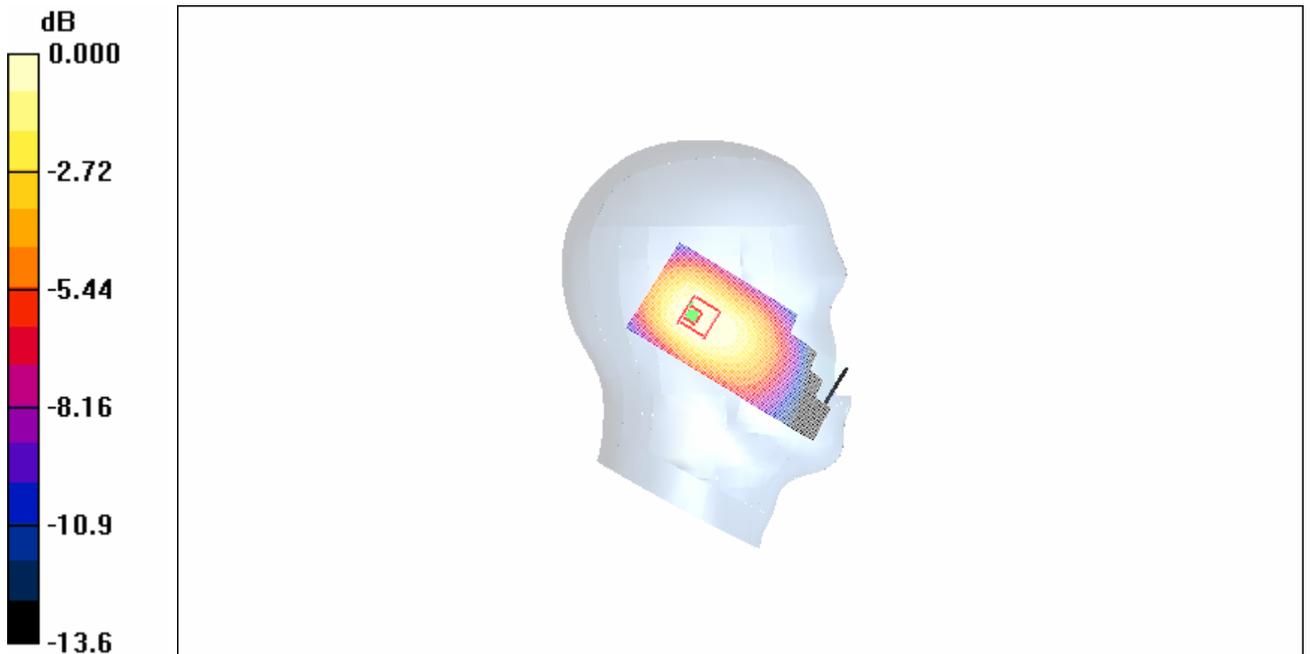Maximum value of SAR (interpolated) = 0.538 mW/g

Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.6 V/m; Power Drift = 0.026 dB

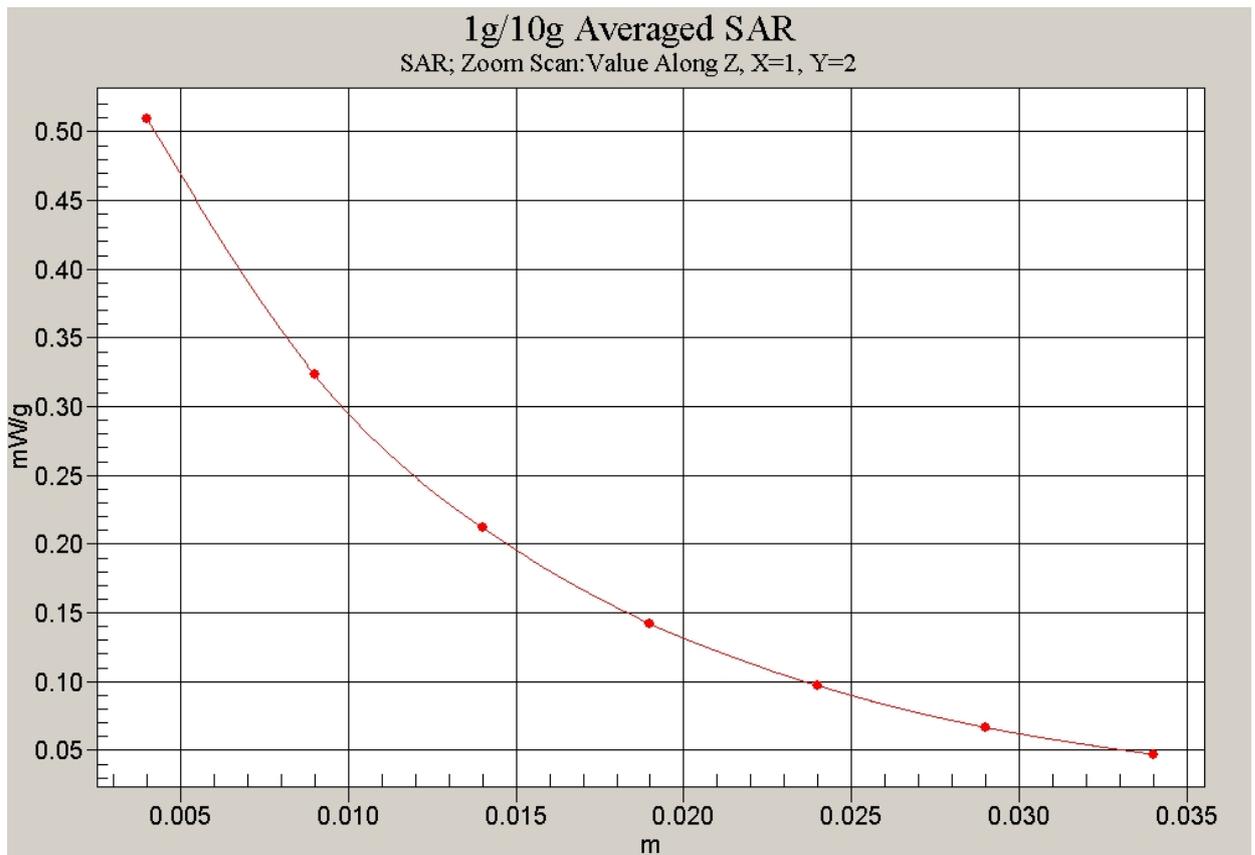Peak SAR (extrapolated) = 0.737 W/kg

SAR(1 g) = 0.489 mW/g; SAR(10 g) = 0.344 mW/g

Maximum value of SAR (measured) = 0.509 mW/g

0 dB = 0.509mW/g

Fig.7 850 MHz CH251

Fig. 8 Z-Scan at power reference point (850 MHz CH251)

850 Left Tilt Middle

Date/Time: 2008-6-10 13:05:38

Electronics: DAE4 Sn777

Medium: Head GSM850

Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.909 mho/m; ε_r = 43.9; ρ = 1000 kg/m^3

Ambient Temperature:23.3^{o}C   Liqiud Temperature: 22.5^{o}C

Communication System: GSM 850 Frequency: 836.6 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3142 ConvF(5.97, 5.97, 5.97)

Tilt Middle/Area Scan (51x111x1): Measurement grid: dx=10mm, dy=10mm

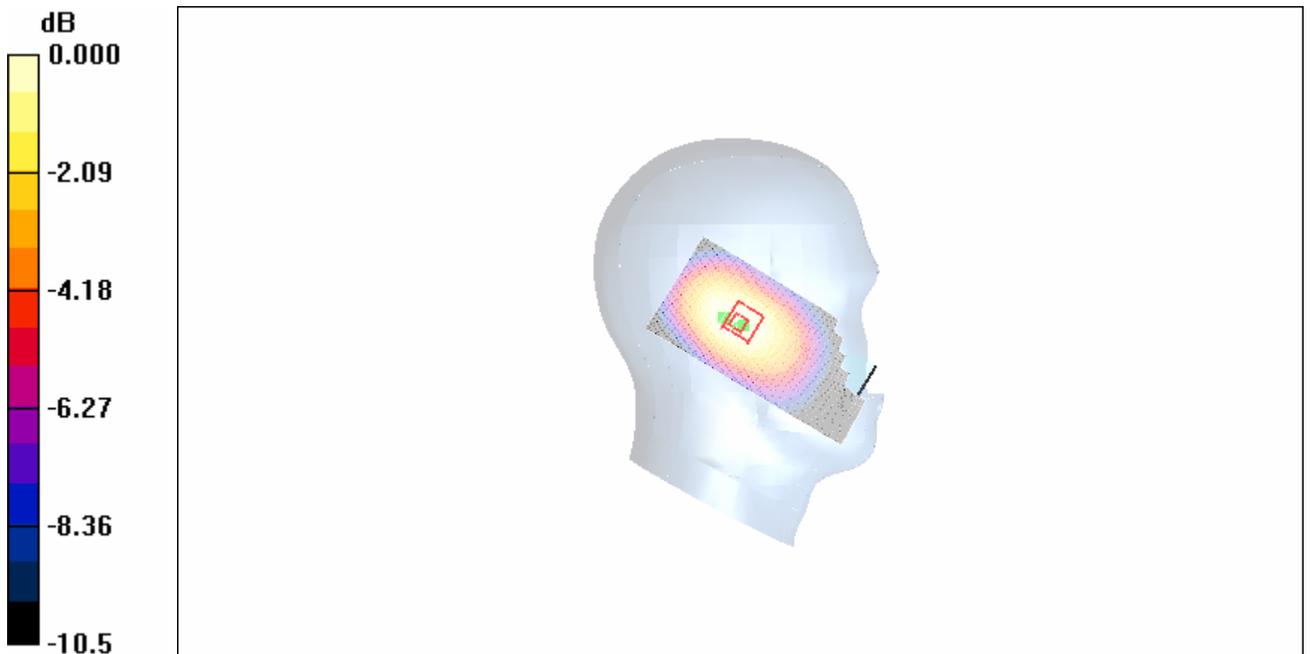Maximum value of SAR (interpolated) = 0.575 mW/g

Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.1 V/m; Power Drift = -0.111 dB
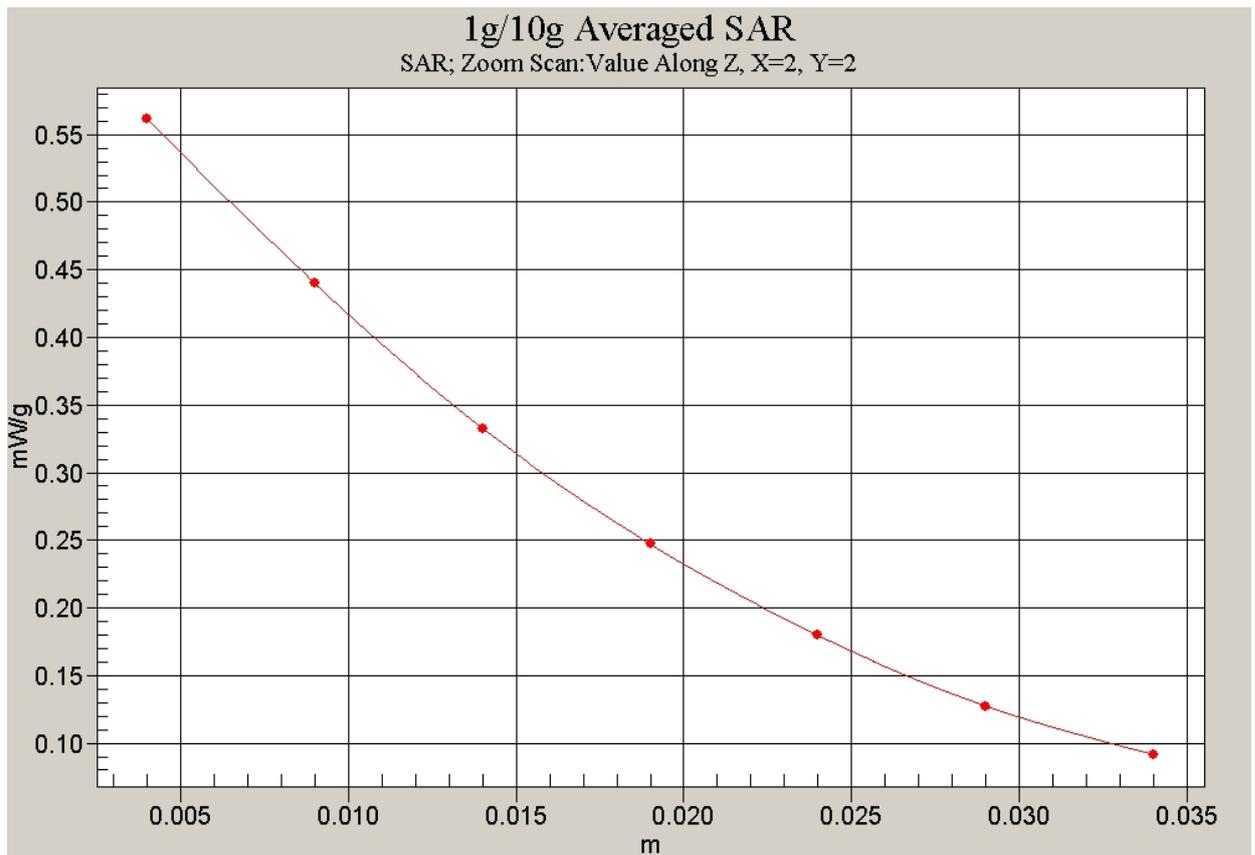
Peak SAR (extrapolated) = 0.671 W/kg

SAR(1 g) = 0.542 mW/g; SAR(10 g) = 0.397 mW/g

Maximum value of SAR (measured) = 0.561 mW/g

0 dB = 0.561mW/g

Fig.9   850 MHz CH190

Fig. 10 Z-Scan at power reference point (850 MHz CH190)

850 Left Tilt Low

Date/Time: 2008-6-10 12:46:00

Electronics: DAE4 Sn777

Medium: Head GSM850

Medium parameters used: f = 825 MHz; σ = 0.897 mho/m; ε_r = 44; ρ = 1000 kg/m^3

Ambient Temperature:23.3^{o}C   Liqiud Temperature: 22.5^{o}C

Communication System: GSM 850 Frequency: 824.2 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3142 ConvF(5.97, 5.97, 5.97)

Tilt Low/Area Scan (51x111x1): Measurement grid: dx=10mm, dy=10mm

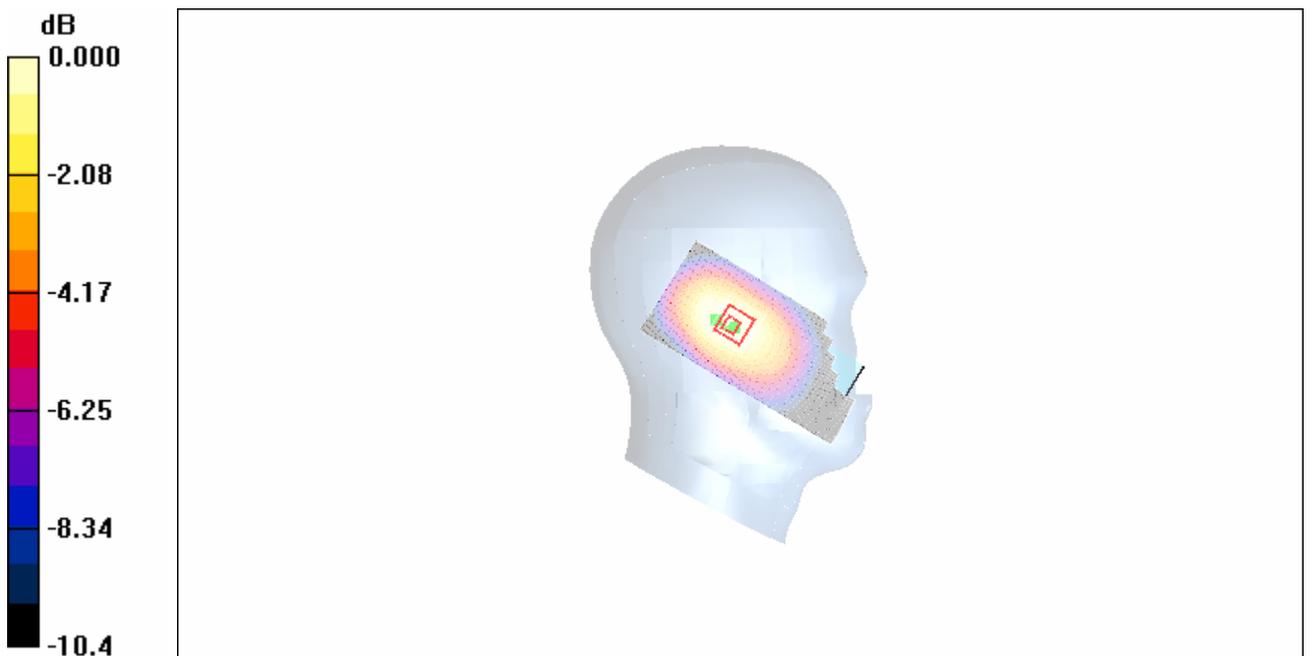Maximum value of SAR (interpolated) = 0.550 mW/g

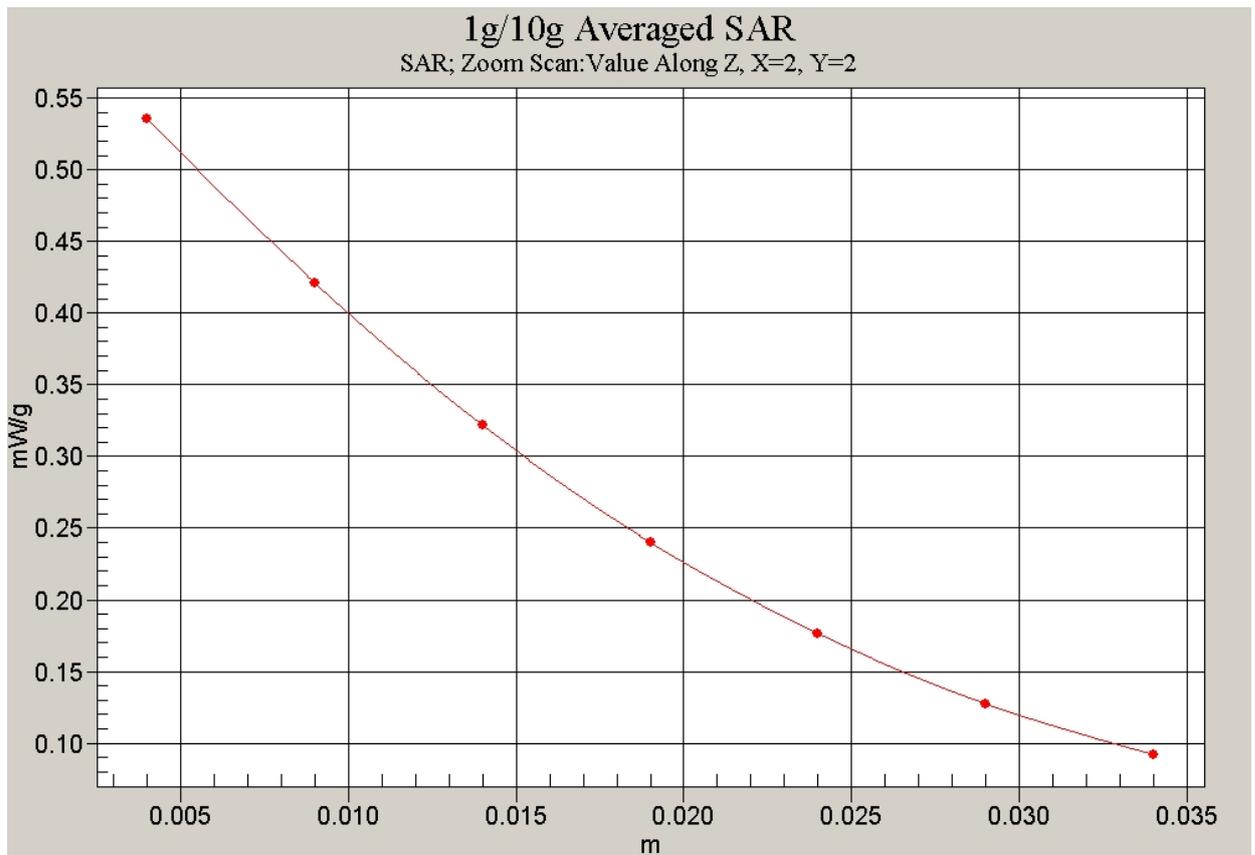**Tilt Low/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.7 V/m; Power Drift = -0.106 dB

Peak SAR (extrapolated) = 0.632 W/kg

SAR(1 g) = 0.514 mW/g; SAR(10 g) = 0.379 mW/g

Maximum value of SAR (measured) = 0.533 mW/g

0 dB = 0.533mW/g

Fig. 11   850 MHz CH128

Fig. 12 Z-Scan at power reference point (850 MHz CH128)

850 Right Cheek High
Date/Time: 2008-6-10 8:11:37
Electronics: DAE4 Sn777
Medium: Head GSM850
Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.92 mho/m; ϵ_r = 43.7; ρ = 1000 kg/m^3
Ambient Temperature:23.3^{o}C   Liqiud Temperature: 22.5^{o}C
Communication System: GSM 850 Frequency: 848.8 MHz Duty Cycle: 1:8.3
Probe: ES3DV3 - SN3142 ConvF(5.97, 5.97, 5.97)

Cheek High/Area Scan (51x111x1): Measurement grid: dx=10mm, dy=10mm
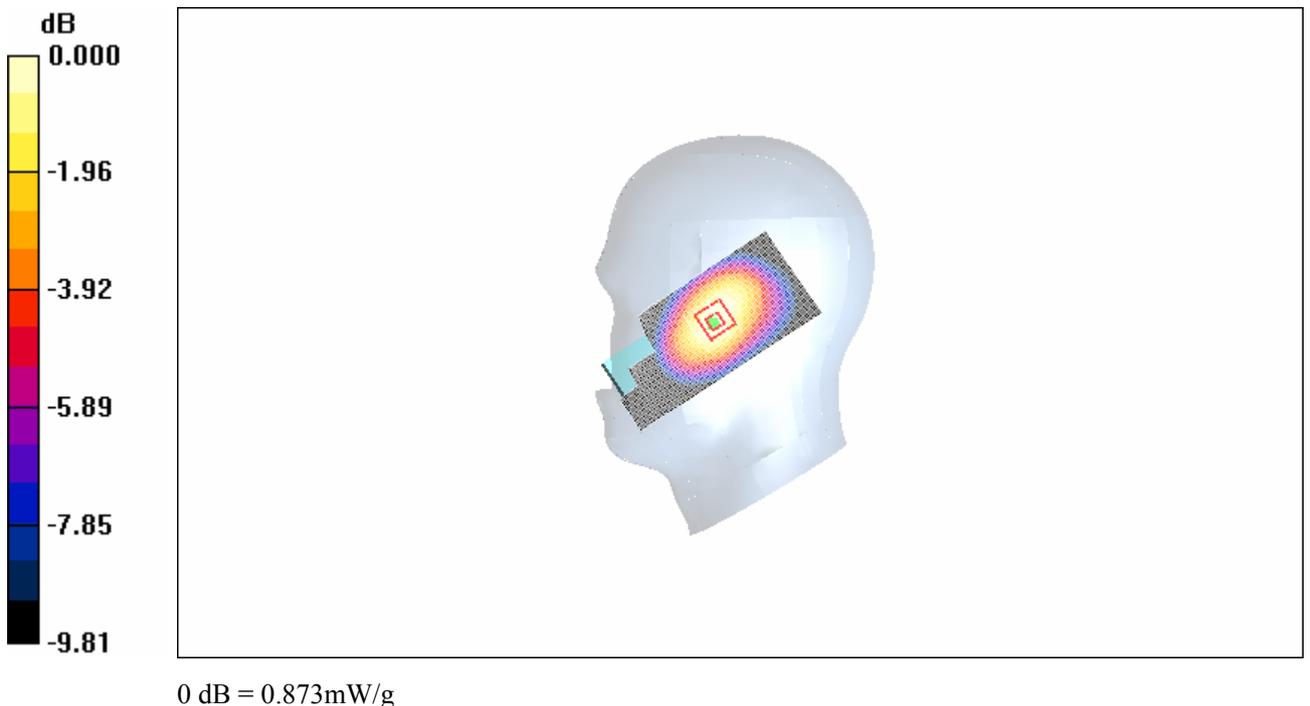Maximum value of SAR (interpolated) = 0.901 mW/g

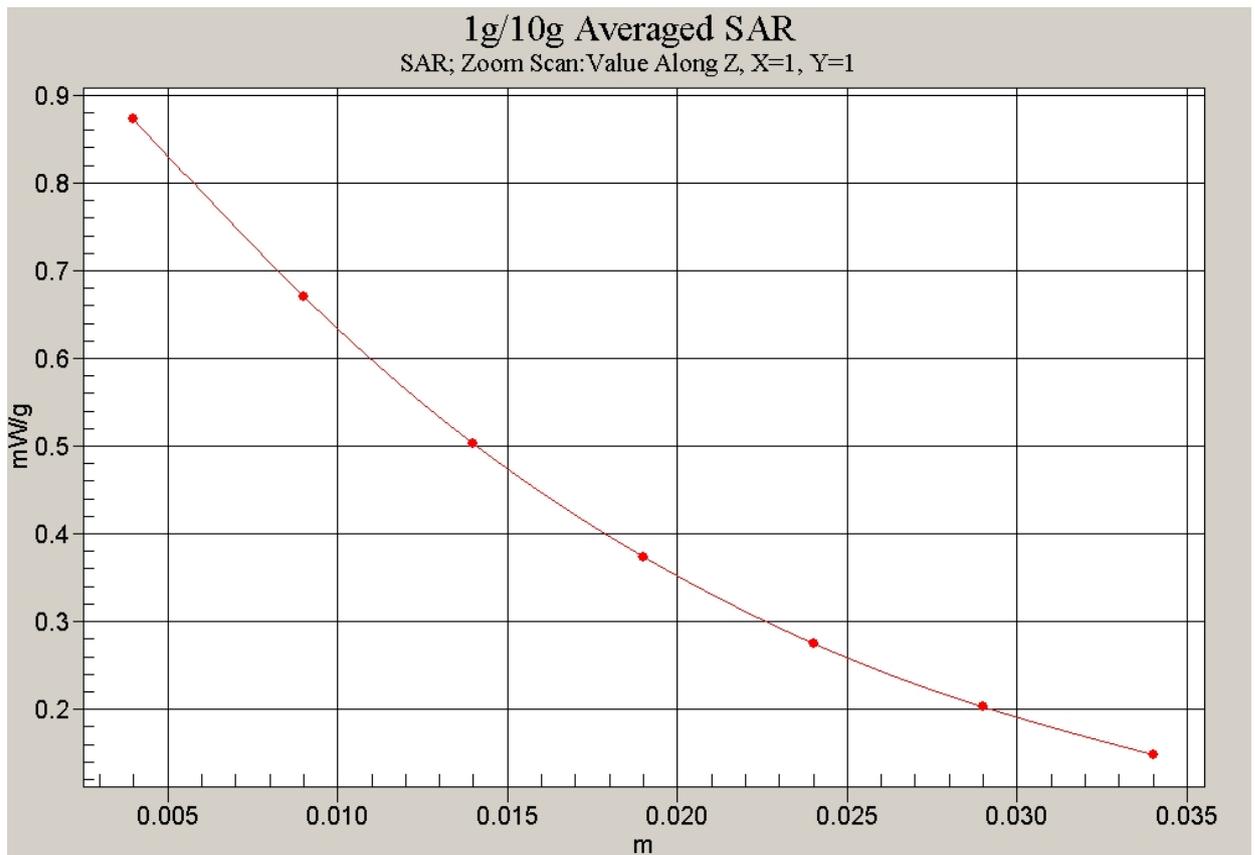**Cheek High/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.4 V/m; Power Drift = -0.107 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.843 mW/g; SAR(10 g) = 0.596 mW/g
Maximum value of SAR (measured) = 0.873 mW/g

0 dB = 0.873mW/g

Fig. 13   850 MHz CH251

Fig. 14 Z-Scan at power reference point (850 MHz CH251)

850 Right Cheek Middle

Date/Time: 2008-6-10 8:23:44

Electronics: DAE4 Sn777

Medium: Head GSM850

Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.909 mho/m; ε_r = 43.9; ρ = 1000 kg/m^3

Ambient Temperature:23.3^{o}C   Liqiud Temperature: 22.5^{o}C

Communication System: GSM 850 Frequency: 836.6 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3142 ConvF(5.97, 5.97, 5.97)

Cheek Middle/Area Scan (51x111x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.16 mW/g

Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.9 V/m; Power Drift = -0.026 dB

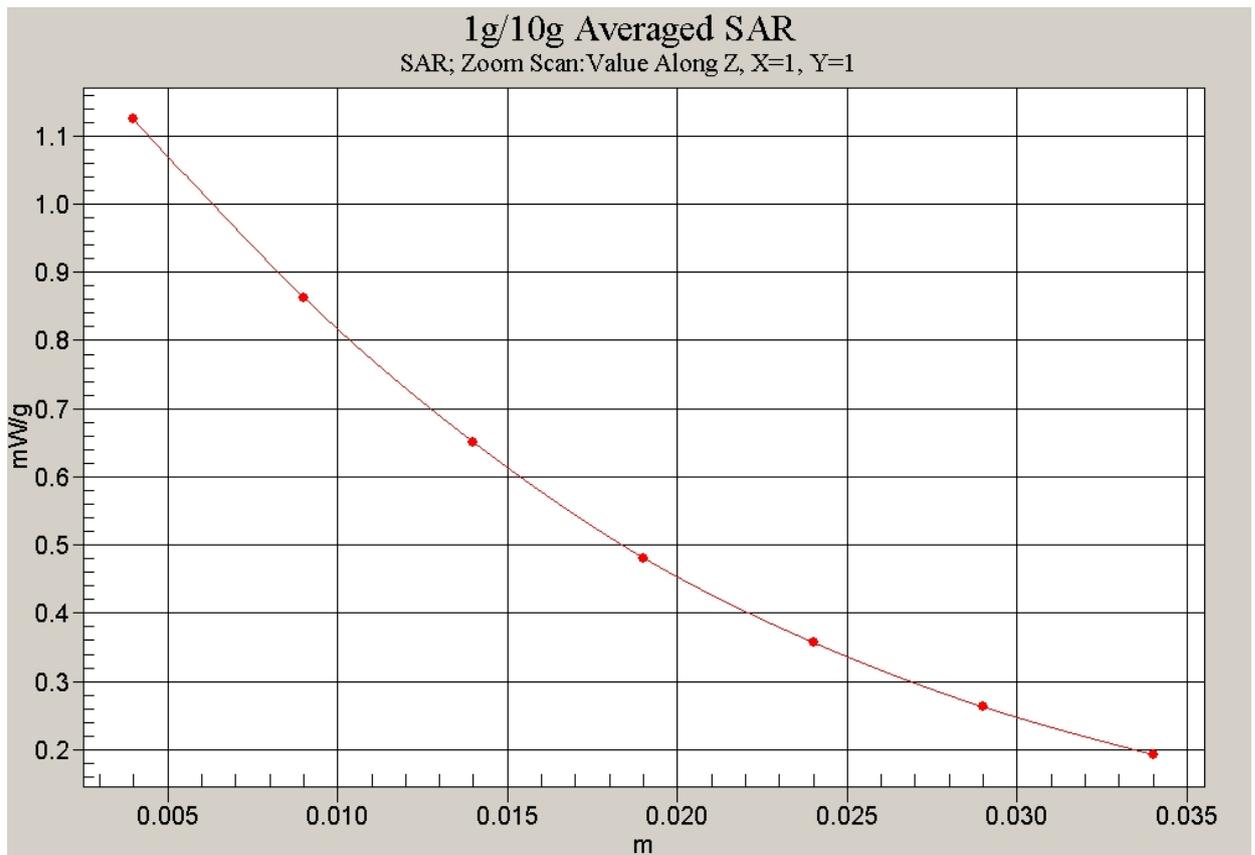Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.770 mW/g

Maximum value of SAR (measured) = 1.12 mW/g

0 dB = 1.12mW/g

Fig. 15   850 MHz CH190

Fig. 16 Z-Scan at power reference point (850 MHz CH190)

850 Right Cheek Low

Date/Time: 2008-6-10 8:36:24

Electronics: DAE4 Sn777

Medium: Head GSM850

Medium parameters used: f = 825 MHz; σ = 0.897 mho/m; ε_r = 44; ρ = 1000 kg/m^3

Ambient Temperature:23.3^{o}C   Liqiud Temperature: 22.5^{o}C

Communication System: GSM 850 Frequency: 824.2 MHz Duty Cycle: 1:8.3

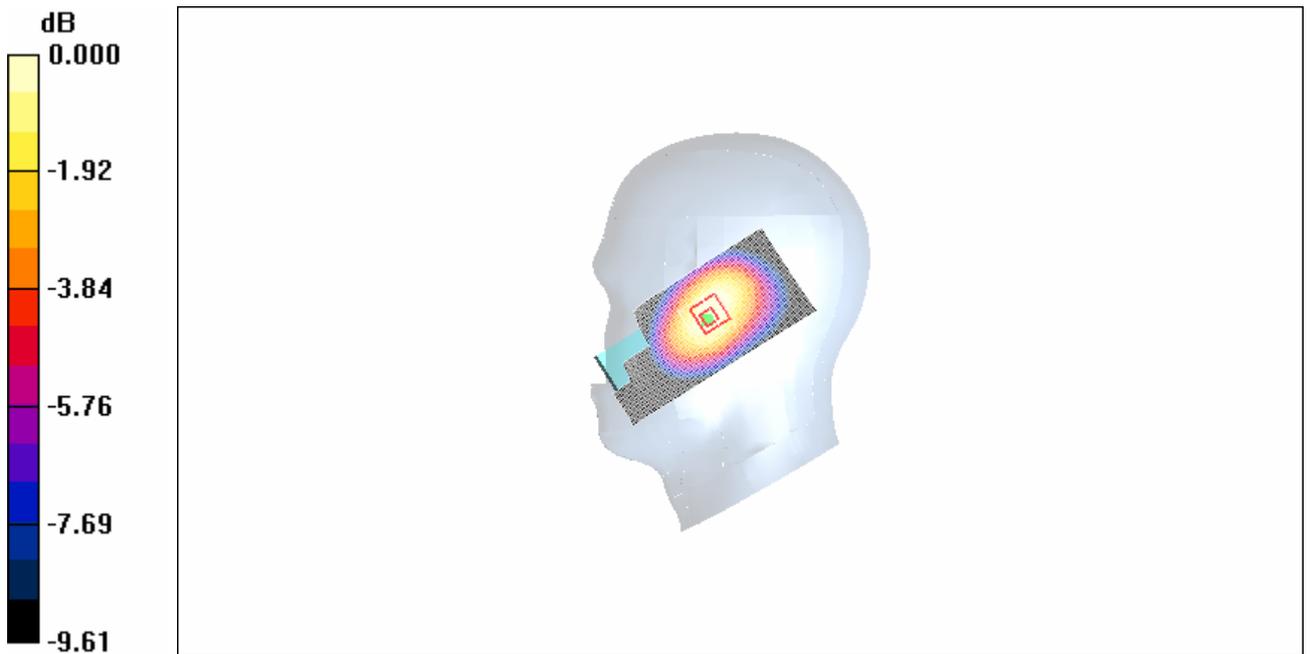Probe: ES3DV3 - SN3142 ConvF(5.97, 5.97, 5.97)

Cheek Low/Area Scan (51x111x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.05 mW/g

Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
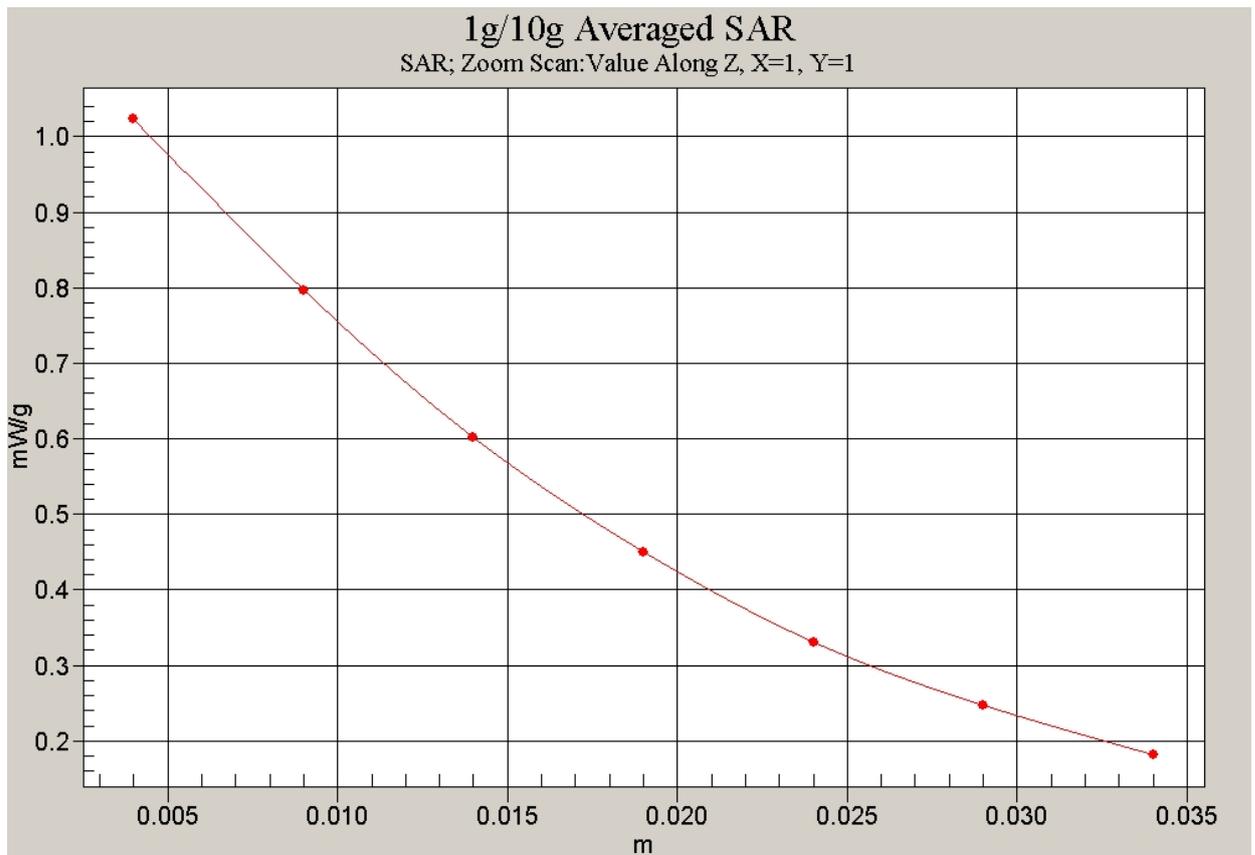
Reference Value = 26.8 V/m; Power Drift = -0.010 dB

Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.986 mW/g; SAR(10 g) = 0.704 mW/g

Maximum value of SAR (measured) = 1.02 mW/g

0 dB = 1.02mW/g

Fig. 17   850 MHz CH128

Fig. 18 Z-Scan at power reference point (850 MHz CH128)

850 Right Tilt High
Date/Time: 2008-6-10 9:35:39
Electronics: DAE4 Sn777
Medium: Head GSM850
Medium parameters used (interpolated): f = 848.8 MHz; σ = 0.92 mho/m; ε_r = 43.7; ρ = 1000 kg/m^3
Ambient Temperature:23.3^{o}C   Liqiud Temperature: 22.5^{o}C
Communication System: GSM 850 Frequency: 848.8 MHz Duty Cycle: 1:8.3
Probe: ES3DV3 - SN3142 ConvF(5.97, 5.97, 5.97)

Tilt High/Area Scan (51x111x1): Measurement grid: dx=10mm, dy=10mm
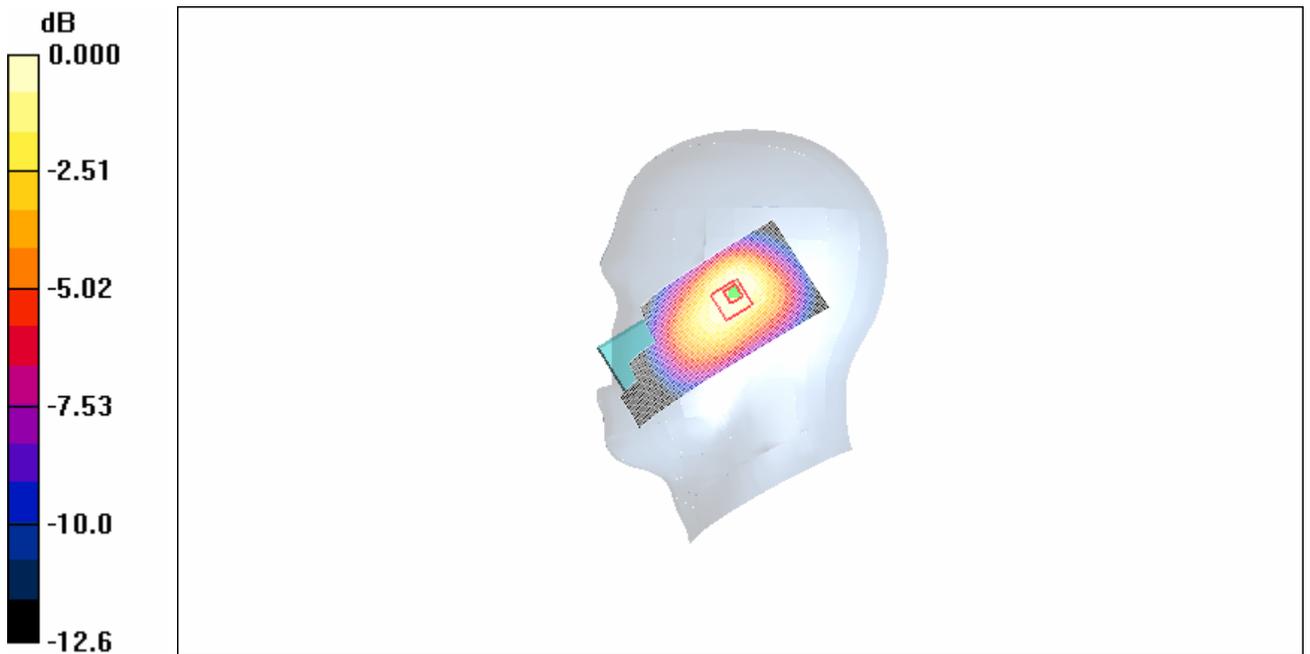Maximum value of SAR (interpolated) = 0.714 mW/g

Tilt High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.5 V/m; Power Drift = 0.035 dB
Peak SAR (extrapolated) = 0.938 W/kg
SAR(1 g) = 0.654 mW/g; SAR(10 g) = 0.454 mW/g
Maximum value of SAR (measured) = 0.671 mW/g

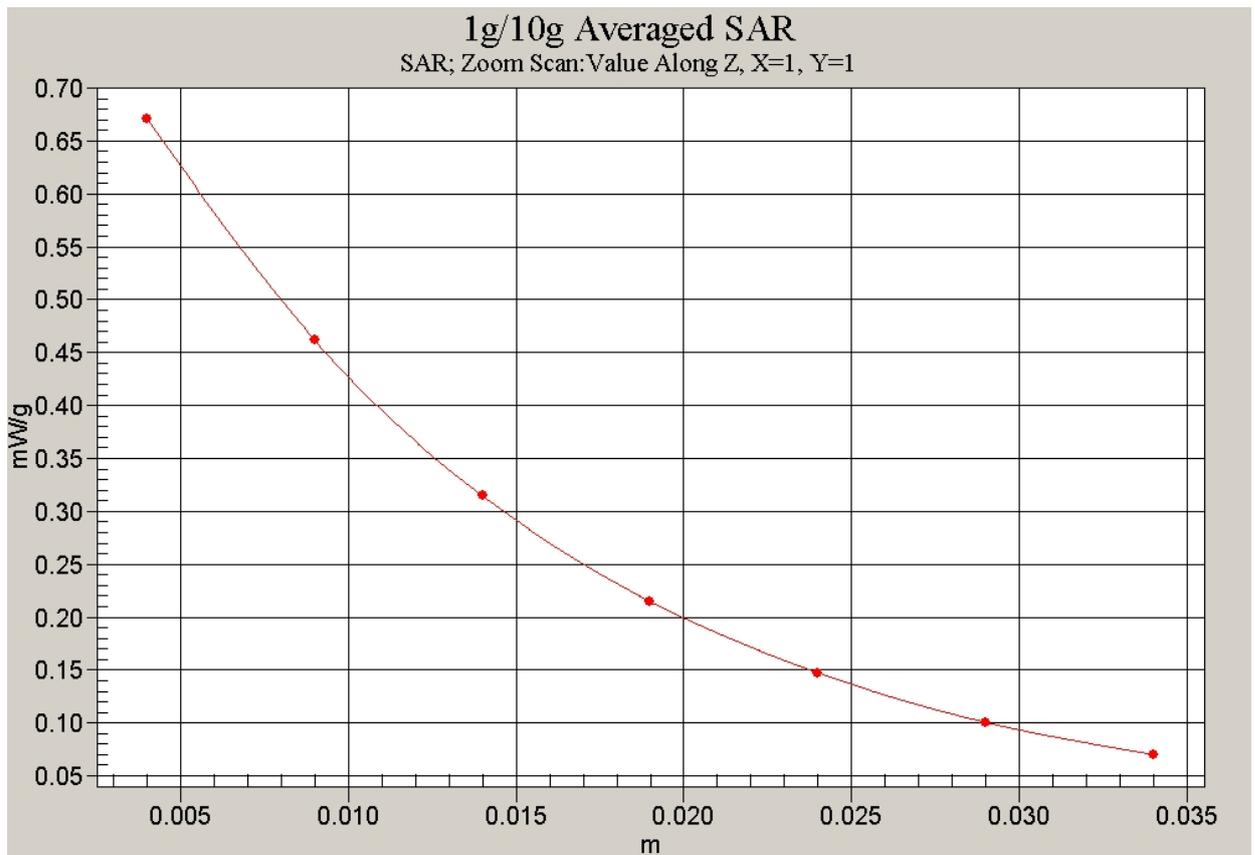0 dB = 0.671mW/g

Fig.19   850 MHz CH251

Fig. 20 Z-Scan at power reference point (850 MHz CH251)

850 Right Tilt Middle

Date/Time: 2008-6-10 9:23:42

Electronics: DAE4 Sn777

Medium: Head GSM850

Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.909 mho/m; ε_r = 43.9; ρ = 1000 kg/m^3

Ambient Temperature:23.3^{o}C   Liqiud Temperature: 22.5^{o}C

Communication System: GSM 850 Frequency: 836.6 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3142 ConvF(5.97, 5.97, 5.97)

Tilt Middle/Area Scan (51x111x1): Measurement grid: dx=10mm, dy=10mm

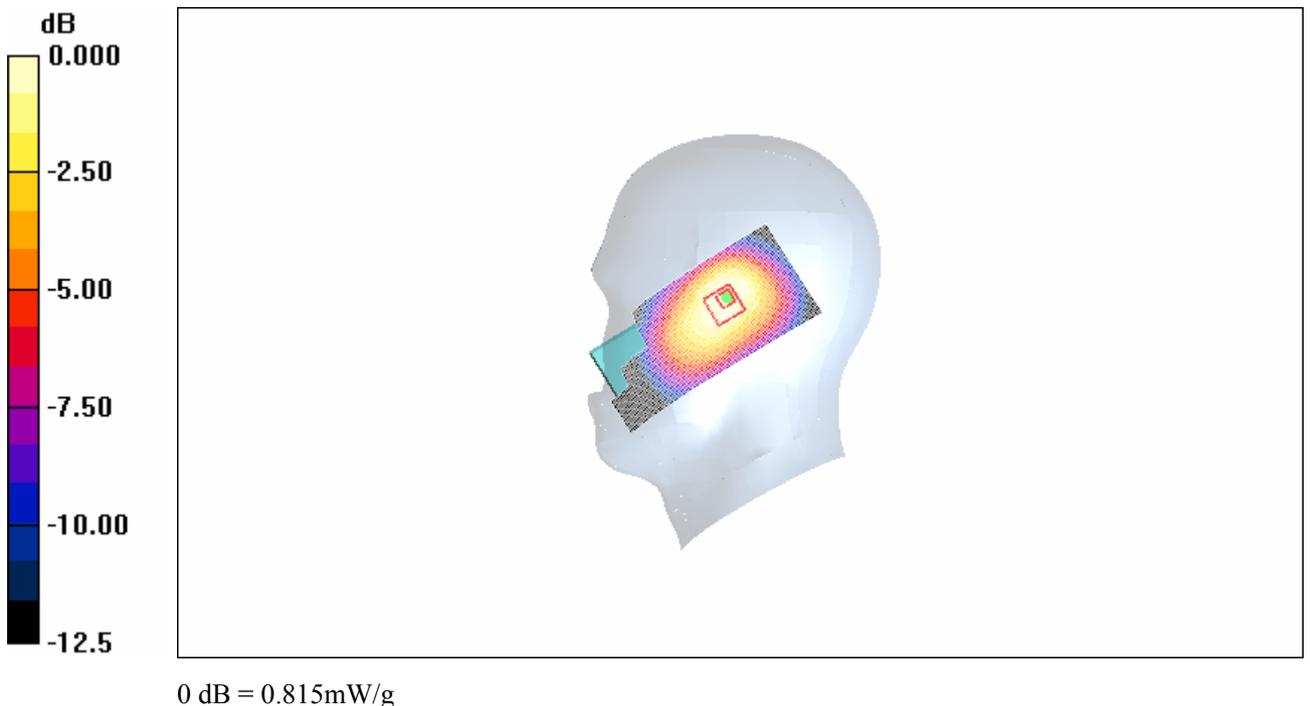Maximum value of SAR (interpolated) = 0.870 mW/g

Tilt Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
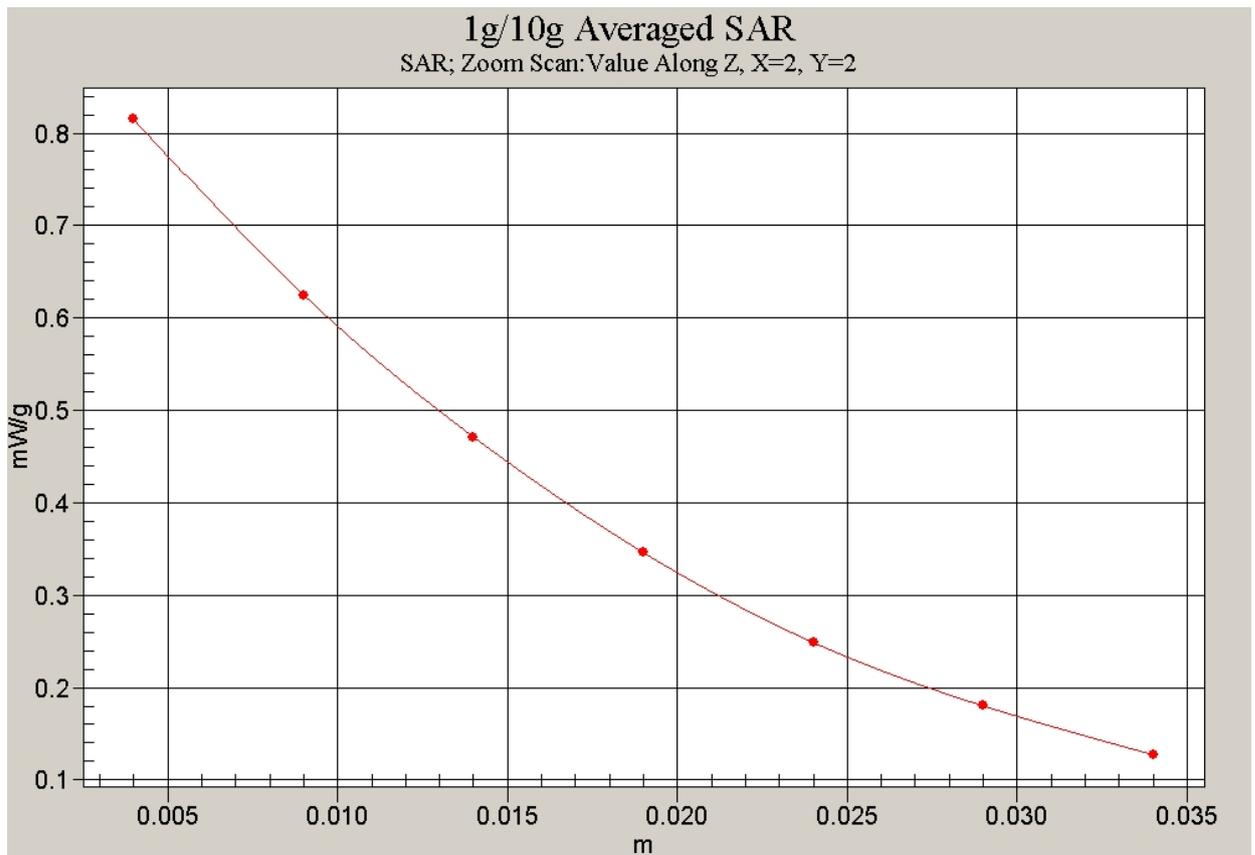
Reference Value = 27.4 V/m; Power Drift = -0.047 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.796 mW/g; SAR(10 g) = 0.553 mW/g

Maximum value of SAR (measured) = 0.815 mW/g

0 dB = 0.815mW/g

Fig.21   850 MHz CH190

Fig. 22 Z-Scan at power reference point (850 MHz CH190)

850 Right Tilt Low
Date/Time: 2008-6-10 9:01:26
Electronics: DAE4 Sn777
Medium: Head GSM850
Medium parameters used: f = 825 MHz; σ = 0.897 mho/m; ε_r = 44; ρ = 1000 kg/m^3
Ambient Temperature:23.3^{o}C   Liqiud Temperature: 22.5^{o}C
Communication System: GSM 850 Frequency: 824.2 MHz Duty Cycle: 1:8.3
Probe: ES3DV3 - SN3142 ConvF(5.97, 5.97, 5.97)

Tilt Low/Area Scan (51x111x1): Measurement grid: dx=10mm, dy=10mm
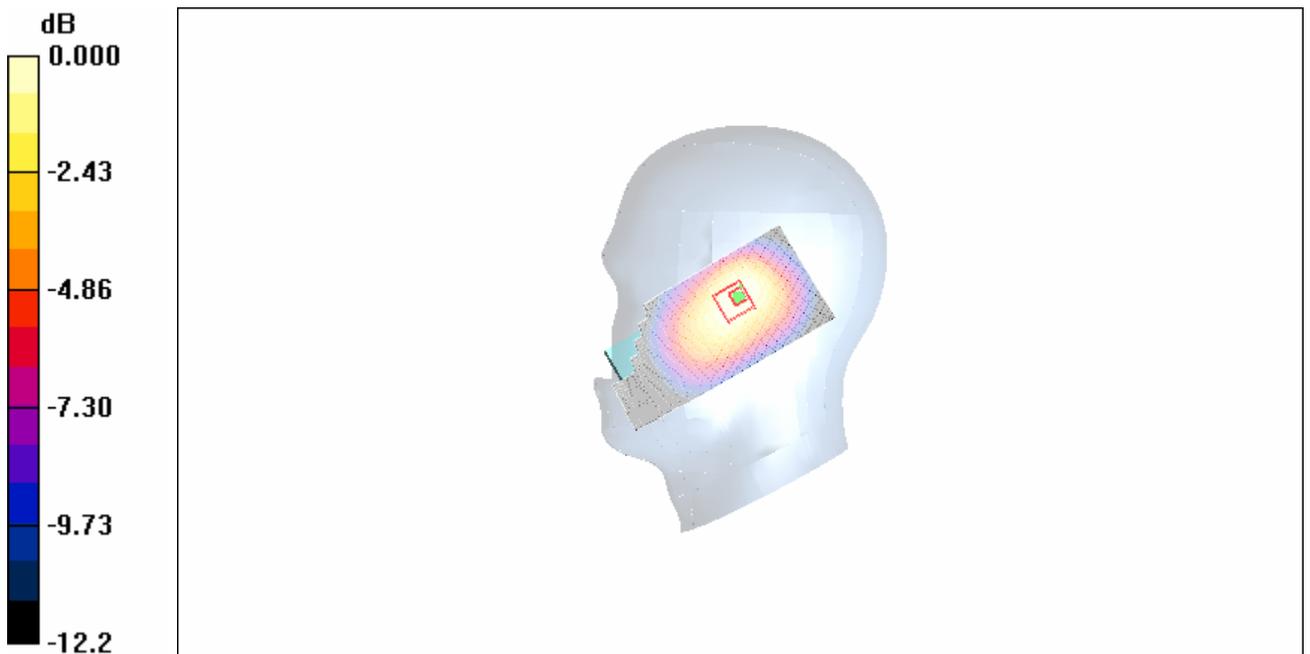Maximum value of SAR (interpolated) = 0.813 mW/g

Tilt Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 26.9 V/m; Power Drift = -0.023 dB
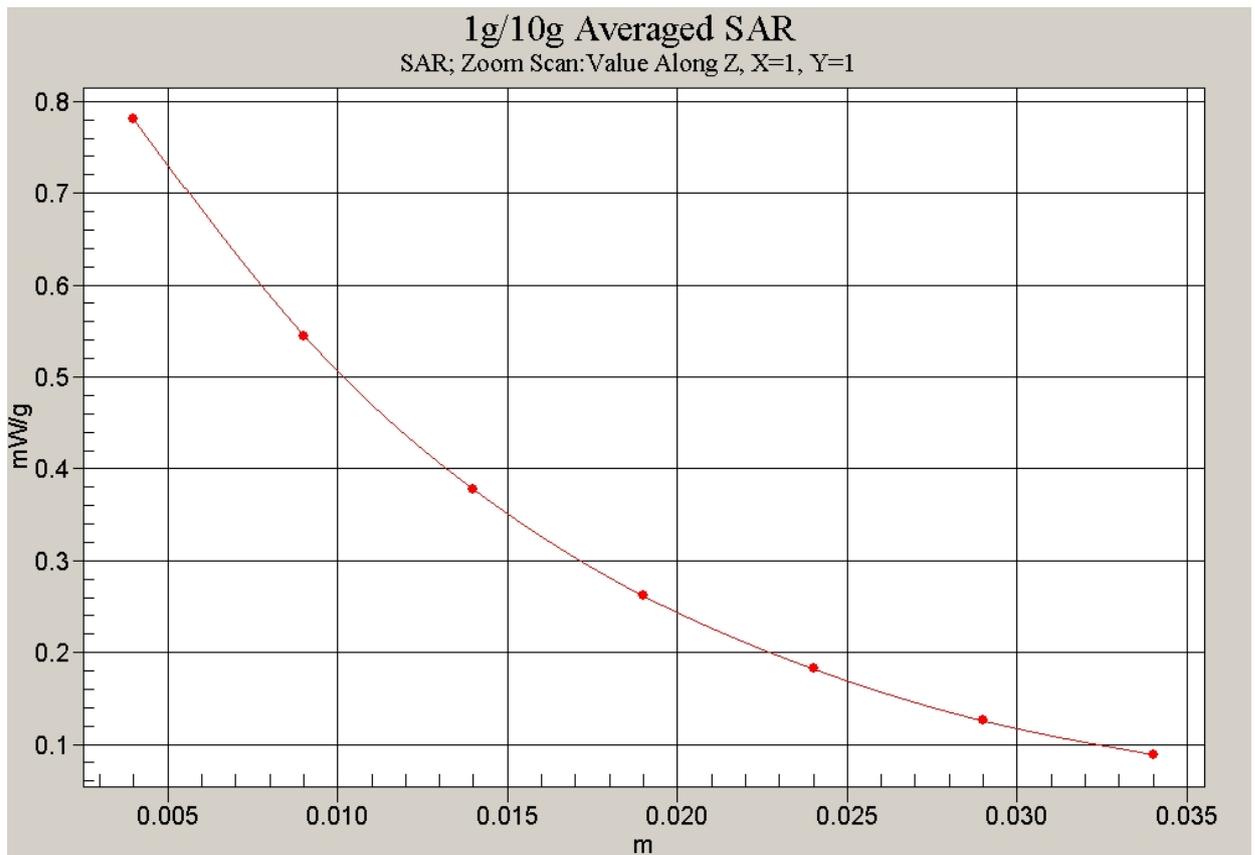Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.757 mW/g; SAR(10 g) = 0.531 mW/g
Maximum value of SAR (measured) = 0.781 mW/g

0 dB = 0.781mW/g

Fig. 23   850 MHz CH128

Fig. 24 Z-Scan at power reference point (850 MHz CH128)

1900 Left Cheek High

Date/Time: 2008-6-11 16:22:01

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used: f = 1910 MHz; σ = 1.38 mho/m; ε_r = 39.3; ρ = 1000 kg/m^3

Ambient Temperature:23.3^{o}C   Liqiud Temperature: 22.5^{o}C

Communication System: GSM 1900MHz new Frequency: 1909.8 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3142 ConvF(4.87, 4.87, 4.87)

Cheek High/Area Scan (51x111x1): Measurement grid: dx=10mm, dy=10mm
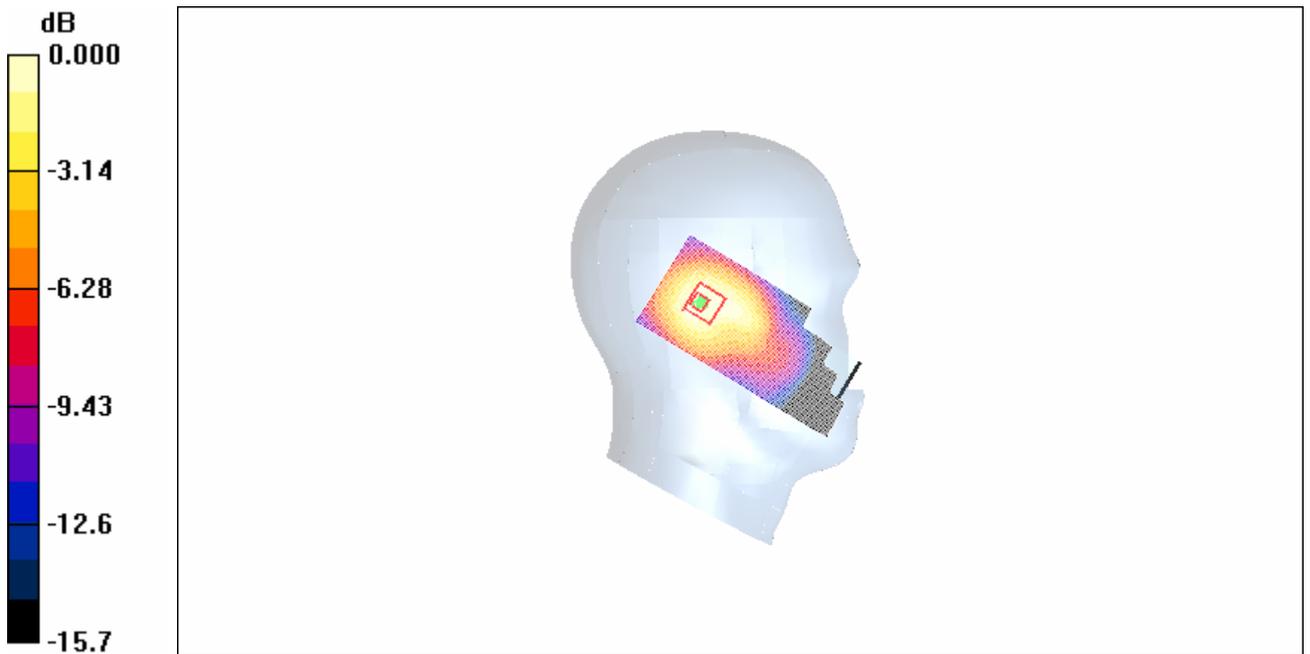
Maximum value of SAR (interpolated) = 0.430 mW/g

Cheek High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.0 V/m; Power Drift = 0.075 dB

Peak SAR (extrapolated) = 0.607 W/kg

SAR(1 g) = 0.376 mW/g; SAR(10 g) = 0.227 mW/g

Maximum value of SAR (measured) = 0.399 mW/g

0 dB = 0.399mW/g

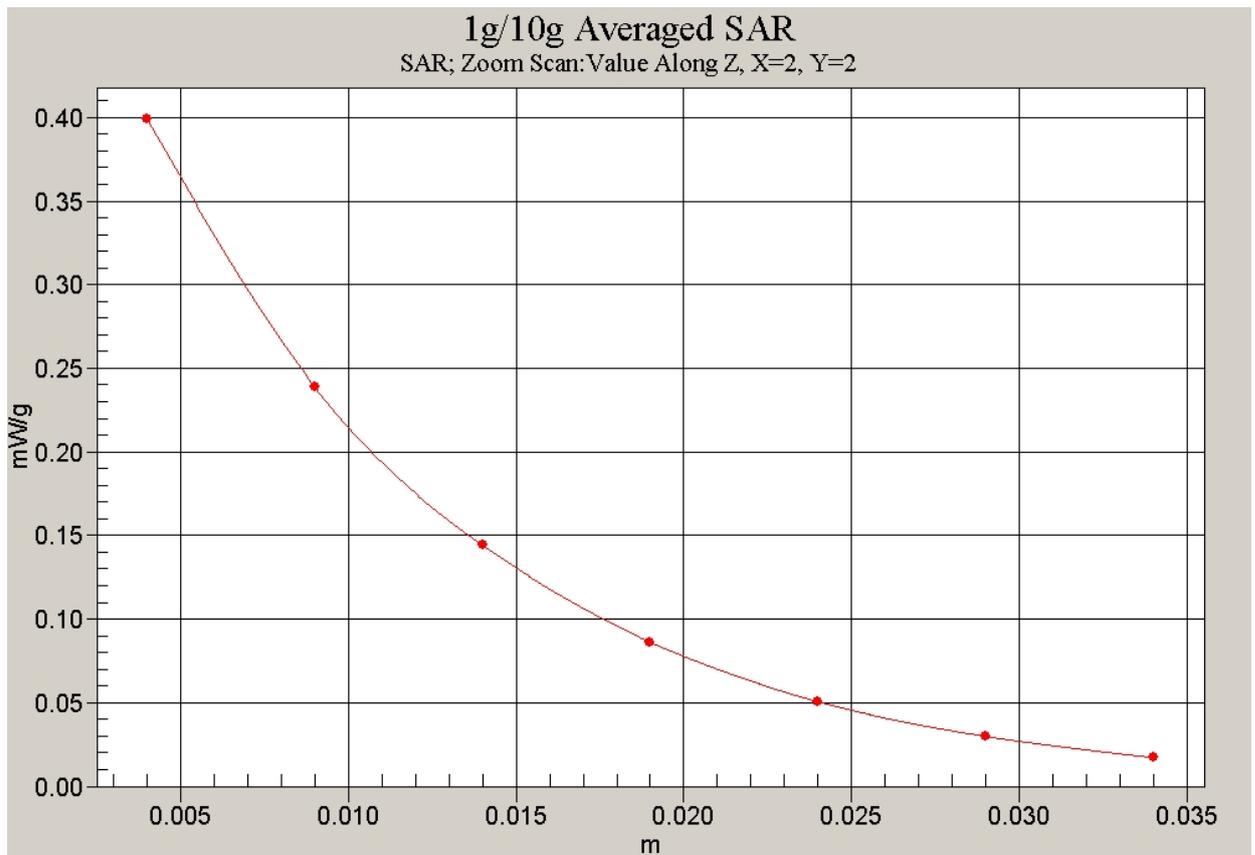**Fig. 25 Left Hand Touch Cheek PCS 1900MHz CH810**

Fig. 26 Z-Scan at power reference point (PCS 1900MHz CH810)

1900 Left Cheek Middle

Date/Time: 2008-6-11 16:33:41

Electronics: DAE4 Sn777

Medium: Head 1900 MHz

Medium parameters used: f = 1880 MHz; σ = 1.35 mho/m; ε_r = 39.4; ρ = 1000 kg/m^3

Ambient Temperature:23.3^{o}C   Liqiud Temperature: 22.5^{o}C

Communication System: GSM 1900MHz new Frequency: 1880 MHz Duty Cycle: 1:8.3

Probe: ES3DV3 - SN3142 ConvF(4.87, 4.87, 4.87)

Cheek Middle/Area Scan (51x111x1): Measurement grid: dx=10mm, dy=10mm
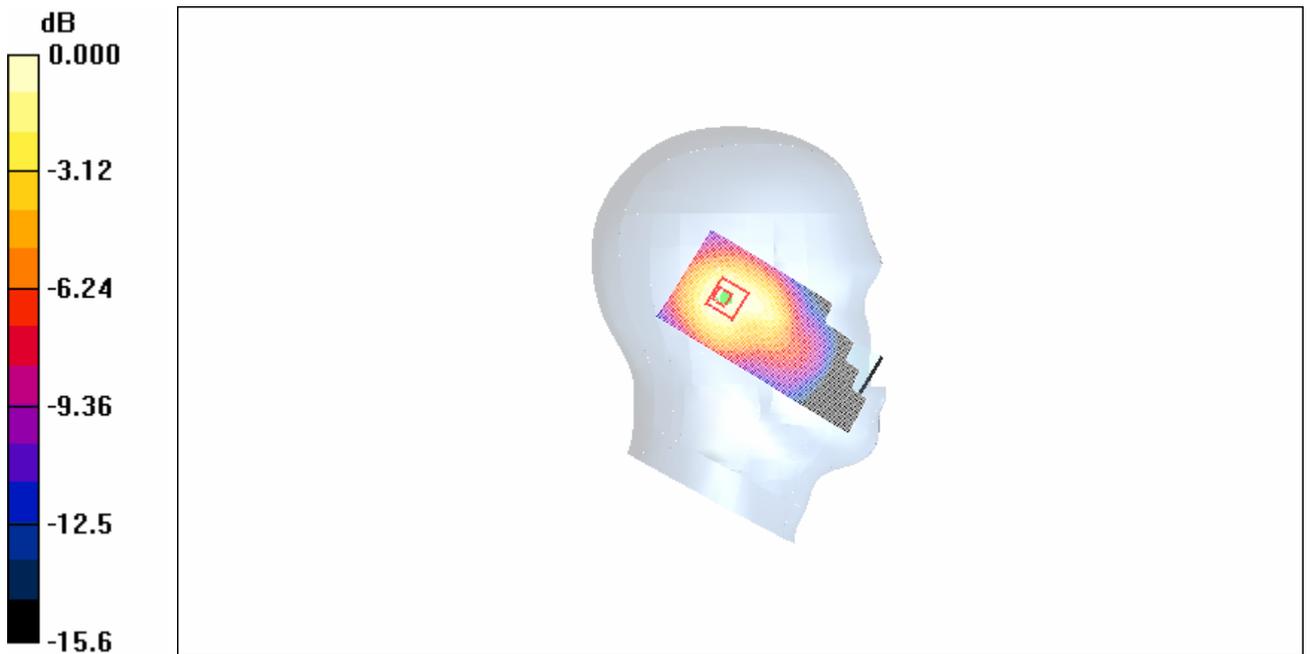
Maximum value of SAR (interpolated) = 0.490 mW/g

Cheek Middle/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.4 V/m; Power Drift = -0.008 dB

Peak SAR (extrapolated) = 0.688 W/kg

SAR(1 g) = 0.428 mW/g; SAR(10 g) = 0.260 mW/g

Maximum value of SAR (measured) = 0.457 mW/g

0 dB = 0.457mW/g

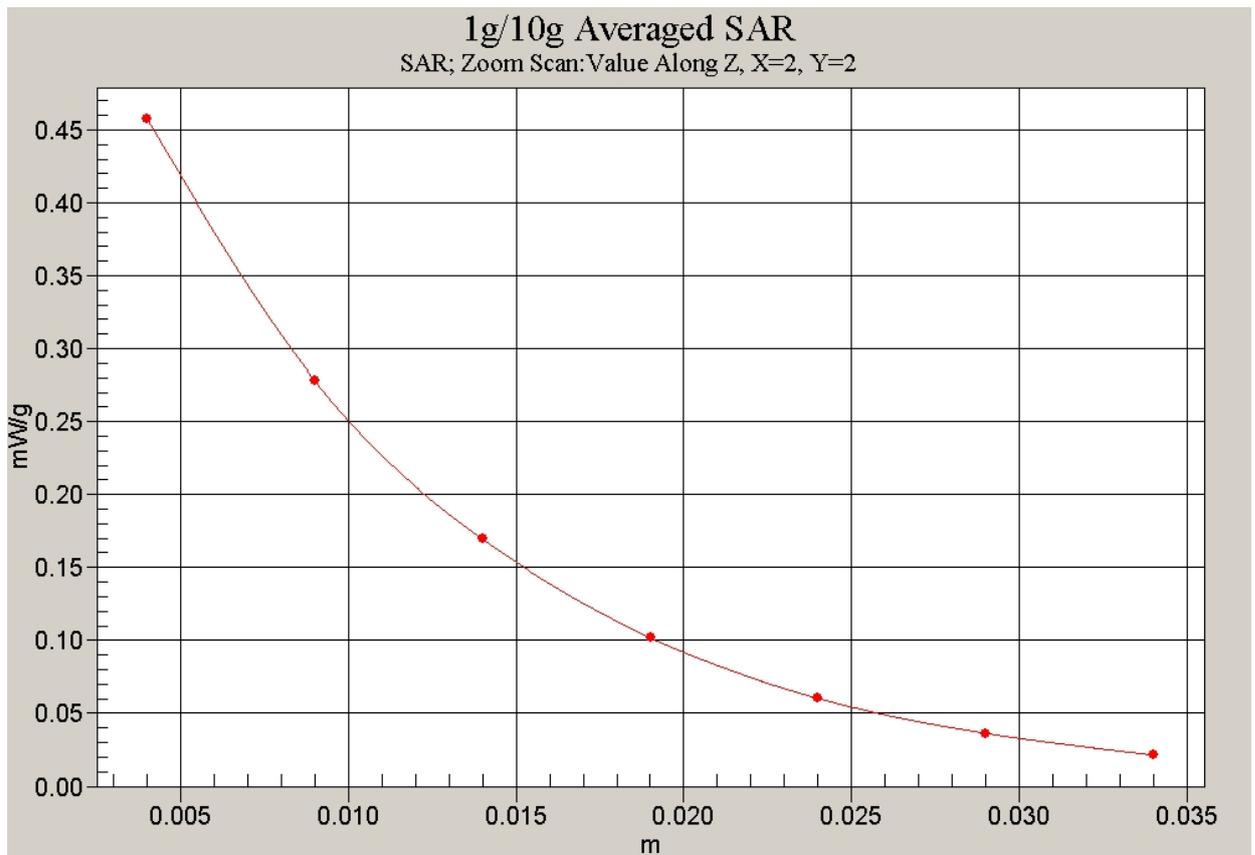**Fig. 27 Left Hand Touch Cheek PCS 1900MHz CH661**

Fig. 28 Z-Scan at power reference point (PCS 1900MHz CH661)

1900 Left Cheek Low
Date/Time: 2008-6-11 16:46:29
Electronics: DAE4 Sn777
Medium: Head 1900 MHz
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.32 mho/m; ε_r = 39.4; ρ = 1000 kg/m^3
Ambient Temperature:23.3^{o}C   Liqiud Temperature: 22.5^{o}C
Communication System: GSM 1900MHz new Frequency: 1850.2 MHz Duty Cycle: 1:8.3
Probe: ES3DV3 - SN3142 ConvF(4.87, 4.87, 4.87)

Cheek Low/Area Scan (51x111x1): Measurement grid: dx=10mm, dy=10mm
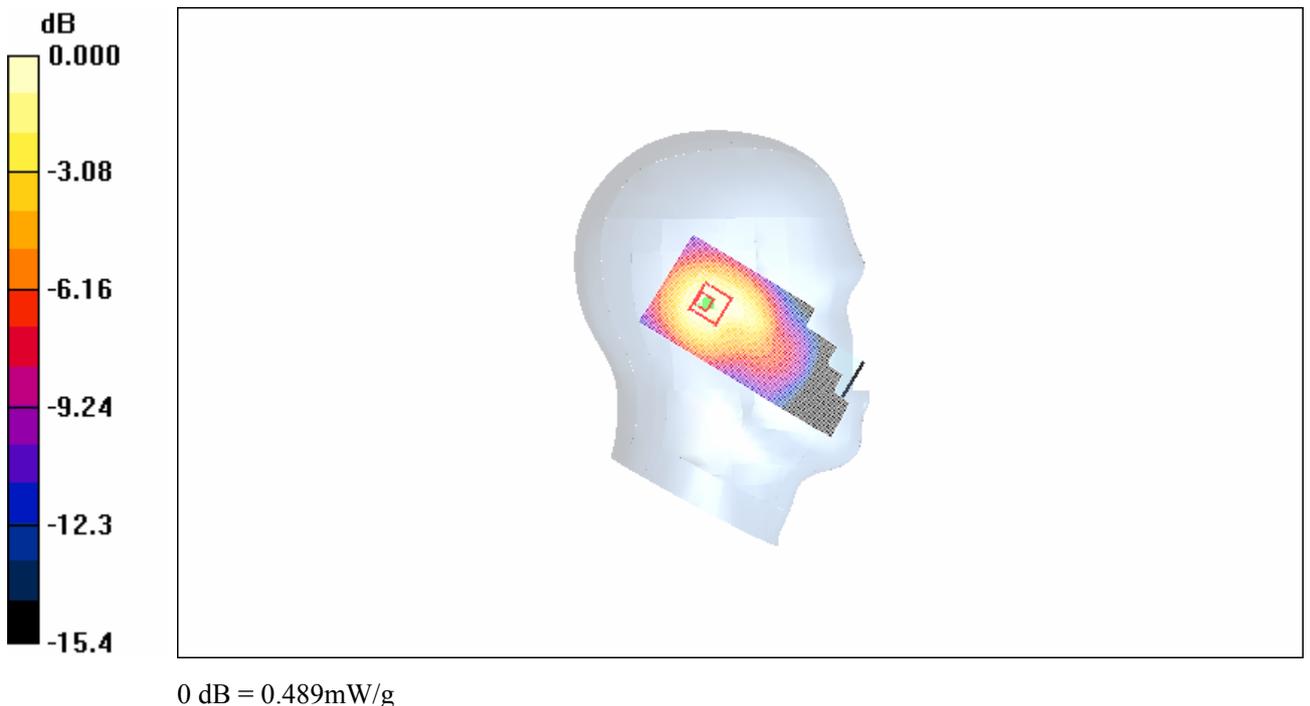Maximum value of SAR (interpolated) = 0.524 mW/g

Cheek Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.3 V/m; Power Drift = 0.021 dB
Peak SAR (extrapolated) = 0.722 W/kg
SAR(1 g) = 0.458 mW/g; SAR(10 g) = 0.281 mW/g
Maximum value of SAR (measured) = 0.489 mW/g

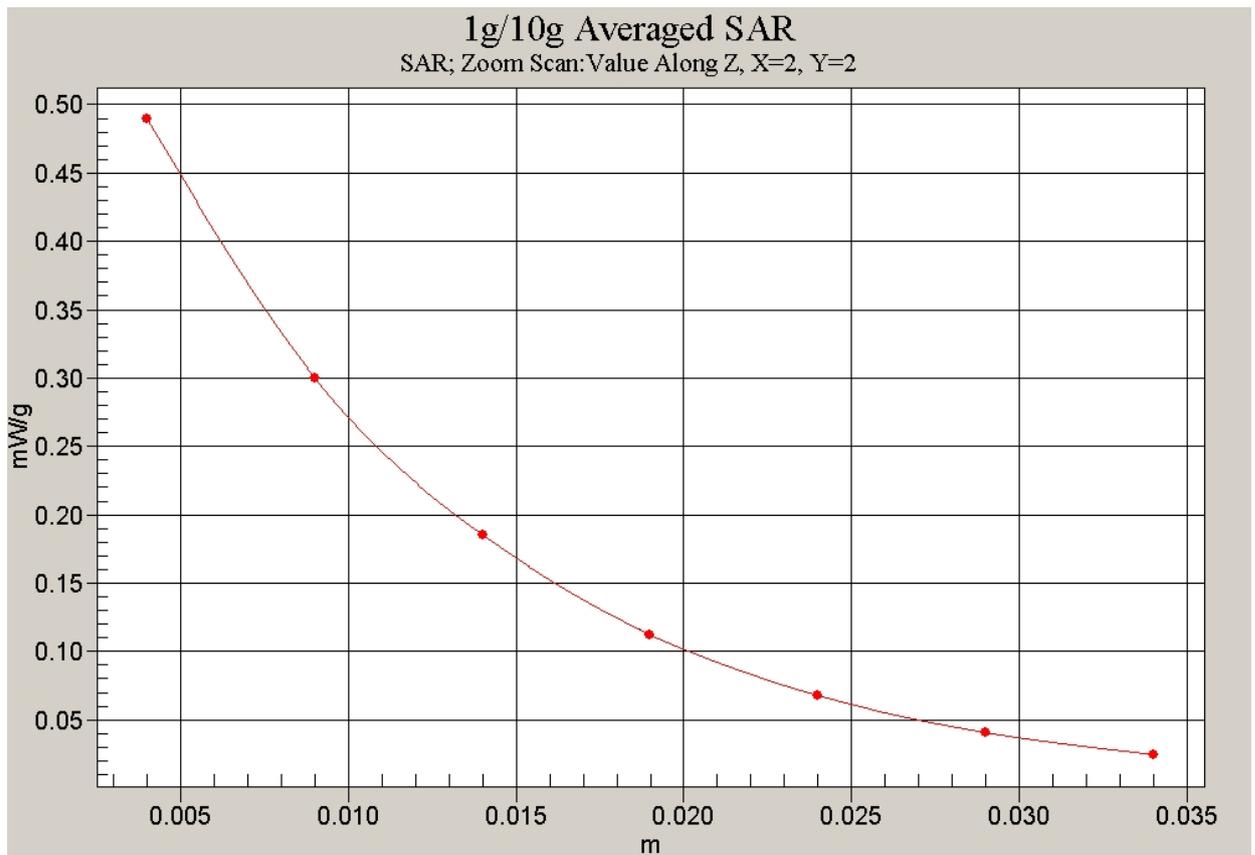0 dB = 0.489mW/g

Fig. 29 Left Hand Touch Cheek PCS 1900MHz CH512

Fig. 30 Z-Scan at power reference point (PCS 1900MHz CH512)